CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/440,386
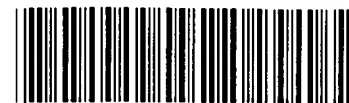
CRF Processing Date: 1/23/2002.
Edited by: ___
Verified by: ___ (STIC staff)

ENTERED.

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
  _____

- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

- ☐ Added the mandatory heading and subheadings for "Current Application Data".

- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
  _____

- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
  _____

- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
  _____

- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

- ☐ Inserted colons after headings/subheadings. Headings edited included:
  _____

- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
  _____

- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as_____ .

- ☐ Inserted mandatory headings, specifically: _____

- ☐ Corrected an obvious error in the response, specifically:
  _____

- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

- ☐ Corrected an error in the Number of Sequences field, specifically:
  _____

- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

2/1/95

RAW SEQUENCE LISTING   DATE: 01/23/2002
PATENT APPLICATION: **US/09/940,386**   TIME: 18:51:08

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\01232002\I940386.raw**

```
 3 <110> APPLICANT: Logtenberg, Ton
 4        Cilenti, Lucia
 5        Bloem, Andries C.
 6        Zwijsen, Renate M.L.
 8 <120> TITLE OF INVENTION: Differentially expressed epitopes and uses thereof
10 <130> FILE REFERENCE: 2183-4514.1US
12 <140> CURRENT APPLICATION NUMBER: US 09/940,386
13 <141> CURRENT FILING DATE: 2001-08-27
15 <150> PRIOR APPLICATION NUMBER: EP 00202991.6
16 <151> PRIOR FILING DATE: 2000-08-28
18 <150> PRIOR APPLICATION NUMBER: US 60/228.429
19 <151> PRIOR FILING DATE: 2000-08-28
21 <160> NUMBER OF SEQ ID NOS: 11
23 <170> SOFTWARE: PatentIn version 3.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 20
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence: leader peptide sequence
encod
32        ed by plasmid pNUT-C gamma-UBS-54
34 <220> FEATURE:
35 <221> NAME/KEY: SITE
36 <222> LOCATION: (1)..(20)
37 <223> OTHER INFORMATION:
40 <400> SEQUENCE: 1
42 Met Ala Cys Pro Gly Phe Leu Trp Ala Leu Val Ile Ser Thr Cys Leu
43 1               5                   10                  15
46 Glu Phe Ser Met
47              20
50 <210> SEQ ID NO: 2
51 <211> LENGTH: 60
52 <212> TYPE: DNA
53 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Description of Artificial Sequence: part of plasmid pNUT-c
gamma-
57        UBS-54 encoding leader peptide sequence
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66 atggcatgcc ctggcttcct gtgggcactt gtgatctcca cctgtcttga attttccatg   60

RAW SEQUENCE LISTING   DATE: 01/23/2002
PATENT APPLICATION: US/09/940,386   TIME: 18:51:08

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01232002\I940386.raw

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 69 <210> SEQ ID NO: 3
 70 <211> LENGTH: 38
 71 <212> TYPE: DNA
 72 <213> ORGANISM: Artificial Sequence
 74 <220> FEATURE:
 75 <223> OTHER INFORMATION: Description of Artificial Sequence: primer UBS-UP
 77 <220> FEATURE:
 78 <221> NAME/KEY: misc_feature
 79 <222> LOCATION: (1)..(38)
 80 <223> OTHER INFORMATION:
 83 <400> SEQUENCE: 3
 84 gatcacgcgt gctagccacc atggcatgcc ctggcttc                            38
 87 <210> SEQ ID NO: 4
 88 <211> LENGTH: 30
 89 <212> TYPE: DNA
 90 <213> ORGANISM: Artificial Sequence
 92 <220> FEATURE:
 93 <223> OTHER INFORMATION: Description of Artificial Sequence: primer CAMH-DOWN
 95 <220> FEATURE:
 96 <221> NAME/KEY: misc_feature
 97 <222> LOCATION: (1)..(30)
 98 <223> OTHER INFORMATION:
101 <400> SEQUENCE: 4
102 gatcgtttaa actcatttac ccggagacag                                     30
105 <210> SEQ ID NO: 5
106 <211> LENGTH: 41
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Description of Artificial Sequence: primer DHFR up
113 <220> FEATURE:
114 <221> NAME/KEY: misc_feature
115 <222> LOCATION: (1)..(41)
116 <223> OTHER INFORMATION:
119 <400> SEQUENCE: 5
120 gatccacgtg agatctccac catggttggt tcgctaaact g                        41
123 <210> SEQ ID NO: 6
124 <211> LENGTH: 37
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: primer DHFR down
131 <220> FEATURE:
132 <221> NAME/KEY: misc_feature
133 <222> LOCATION: (1)..(37)
134 <223> OTHER INFORMATION:
137 <400> SEQUENCE: 6
138 gatccacgtg agatctttaa tcattcttct catatac                             37
141 <210> SEQ ID NO: 7
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RAW SEQUENCE LISTING   DATE: 01/23/2002
PATENT APPLICATION: US/09/940,386   TIME: 18:51:08

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01232002\I940386.raw

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142 <211> LENGTH: 85
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Artificial Sequence: MCS fragment of
pIPspAdapt 6
149 <220> FEATURE:
150 <221> NAME/KEY: misc_feature
151 <222> LOCATION: (1)..(85)
152 <223> OTHER INFORMATION:
155 <400> SEQUENCE: 7
156 accggtgaat tcggcgcgcc gtcgacgata tcgatcggac cgacgcgttc gcgagcggcc        60
158 gcaattcgct agcgttaacg gatcc                                              85
161 <210> SEQ ID NO: 8
162 <211> LENGTH: 31
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: primer CAML-DOWN
169 <220> FEATURE:
170 <221> NAME/KEY: misc_feature
171 <222> LOCATION: (1)..(31)
172 <223> OTHER INFORMATION:
175 <400> SEQUENCE: 8
176 gatcgtttaa acctaacact ctcccctgtt g                                       31
179 <210> SEQ ID NO: 9
180 <211> LENGTH: 12
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR 3 region of scFv
186       antibody K19
188 <220> FEATURE:
189 <221> NAME/KEY: SITE
190 <222> LOCATION: (1)..(12)
191 <223> OTHER INFORMATION:
194 <400> SEQUENCE: 9
196 Asp Tyr Arg Tyr Pro Ser Thr Ser Trp Phe Asp Ser
197 1               5                   10
200 <210> SEQ ID NO: 10
201 <211> LENGTH: 9
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR 3 region of scFv
207       antibody K29
209 <220> FEATURE:
210 <221> NAME/KEY: SITE
211 <222> LOCATION: (1)..(9)
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RAW SEQUENCE LISTING   DATE: 01/23/2002
PATENT APPLICATION: US/09/940,386   TIME: 18:51:09

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01232002\I940386.raw

```
215 <400> SEQUENCE: 10
217 Ala Arg Arg Trp Ala Ala Phe Asp Tyr
218 1               5
221 <210> SEQ ID NO: 11
222 <211> LENGTH: 9
223 <212> TYPE: PRT
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR 3 region of scFv
228        antibody K29
230 <220> FEATURE:
231 <221> NAME/KEY: SITE
232 <222> LOCATION: (1)..(9)
233 <223> OTHER INFORMATION:
236 <400> SEQUENCE: 11
238 Gly Met Met Arg Gly Val Phe Asp Tyr
239 1               5
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VERIFICATION SUMMARY   DATE: 01/23/2002
PATENT APPLICATION: US/09/940,386   TIME: 18:51:10

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01232002\I940386.raw